PATENT COOPERATION TREATY

SCIENTIFIC-ATLANTA, INC. LEGAL DEPARTMENT

From the INTERNATIONAL SEARCHING AUTHORITY

PCT

То:

NOTIFICATION OF TRANSMITTAL OF

| SCIENTIFIC-ATLANTA, INC. Attn. Lafferty, Brook W. Intellectual Property Department 5030 Sugarloaf Parkway Lawrenceville, GA 30044 ETATS-UNIS D'AMERIQUE | THE INTERNATIONAL SEARCH REPORT AND THE WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY, OR THE DECLARATION | | | | | |
|---|--|--|--|--|--|--|
| 2 | (PCT Rule 44.1) | | | | | |
| | Date of mailing (day/month/year) 09/02/2007 | | | | | |
| Applicant's or agent's file reference | | | | | | |
| F-10410-PC | FOR FURTHER ACTION See paragraphs 1 and 4 below | | | | | |
| International application No. PCT/US2006/033965 | International filing date (day/month/year) 31/08/2006 | | | | | |
| Applicant | | | | | | |
| SCIENTIFIC-ATLANTA, INC. | | | | | | |
| The applicant is hereby notified that the international searc Authority have been established and are transmitted herew | h report and the written opinion of the International Searching | | | | | |
| Filing of amendments and statement under Article 19: The applicant is entitled, if he so wishes, to amend the clair | | | | | | |
| When? The time limit for filing such amendments is no International Search Report. | | | | | | |
| Where? Directly to the International Bureau of WIPO, 3 1211 Geneva 20, Switzerland, Fascimile No.: (| 4 chemin des Colombettes 41–22) 338.82.70 | | | | | |
| For more detailed instructions, see the notes on the a | | | | | | |
| 2. The applicant is hereby notified that no international search Article 17(2)(a) to that effect and the written opinion of the | h report will be established and that the declaration under International Searching Authority are transmitted herewith. | | | | | |
| 3. With regard to the protest against payment of (an) addit | | | | | | |
| applicant's request to forward the texts of both the pr | the protest together with the decision thereon has been transmitted to the International Bureau together with the applicant's request to forward the texts of both the protest and the decision thereon to the designated Offices. | | | | | |
| no decision has been made yet on the protest; the ap | oplicant will be notified as soon as a decision is made. | | | | | |
| 4. Reminders Shortly after the expiration of 18 months from the priority date, the international application will be published by the International Bureau. If the applicant wishes to avoid or postpone publication, a notice of withdrawal of the international application, or of the priority claim, must reach the International Bureau as provided in Rules 90bis.1 and 90bis.3, respectively, before the completion of the technical preparations for international publication. | | | | | | |
| The applicant may submit comments on an informal basis on the international Bureau. The International Bureau will send a copy international preliminary examination report has been or is to be the public but not before the expiration of 30 months from the pr | of such comments to all designated Offices unless an established. These comments would also be made available to | | | | | |
| Within 19 months from the priority date, but only in respect of sexamination must be filed if the applicant wishes to postpone the date (in some Offices even later); otherwise, the applicant must, acts for entry into the national phase before those designated O | e entry into the national phase until 30 months from the priority within 20 months from the priority date, perform the prescribed | | | | | |
| In respect of other designated Offices, the time limit of 30 month months. | hs (or later) will apply even if no demand is filed within 19 | | | | | |
| See the Annex to Form PCT/IB/301 and, for details about the ap Guide, Volume II, National Chapters and the WIPO Internet site | oplicable time limits, Office by Office, see the PCT Applicant's | | | | | |

Name and mailing address of the International Searching Authority



European Patent Office, P.B. 5818 Patentlaan 2 NL-2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016

Authorized officer

Chantal Flohr



PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

| Applicant's or agent's file reference FOR FURTHER see Form PCT/ISA/220 | | |
|---|---|--|
| F-10410-PC | ACTION as well | as, where applicable, item 5 below. |
| International application No. | International filing date (day/month/year) | (Earliest) Priority Date (day/month/year) |
| PCT/US2006/033965 | 31/08/2006 | 07/09/2005 |
| Applicant | | |
| SCIENTIFIC-ATLANTA, INC. | | |
| This international search report has been according to Article 18. A copy is being tr | prepared by this International Searching Author | ority and is transmitted to the applicant |
| This international search report consists of | | |
| 1 | a copy of each prior art document cited in this | report. |
| Basis of the report | | |
| | international search was carried out on the ba | |
| | application in the language in which it was filed | |
| a translation of tr of a translation fu | e international application into | , which is the language h (Rules 12.3(a) and 23.1(b)) |
| b. With regard to any nucle | otide and/or amino acid sequence disclosed | in the international application, see Box No. I. |
| 2. Certain claims were for | and unsearchable (See Box No. II) | |
| 3. Unity of invention is lac | sking (see Box No III) | |
| 4. With regard to the title , | | |
| X the text is approved as s | ubmitted by the applicant | |
| the text has been establi | shed by this Authority to read as follows: | |
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| | | |
| 5. With regard to the abstract, | | |
| , | ubmitted by the applicant | |
| the text has been establi may, within one month fr | shed, according to Rule 38.2(b), by this Authorom the date of mailing of this international sea | ity as it appears in Box No. IV. The applicant rch report, submit comments to this Authority |
| 6. With regard to the drawings , | | |
| a. the figure of the drawings to be | published with the abstract is Figure No3 | |
| X as suggested by | the applicant | |
| h | his Authority, because the applicant failed to su | |
| , , , , , , , , , , , , , , , , , , , | his Authority, because this figure better charact | erizes the invention |
| b none of the figures is to | be published with the abstract | |

INTE IATIONAL SEARCH REPORT

ernational application No PCT/US2006/033965

| A. CLAS | SIFICATION | OF SU | SJECT | MAT | TEF |
|---------|----------------------|-------|-------|-----|-----|
| INV. | SIFICATION HO4N7/ | 173 | | | |

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

HO4N HO4L

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ

| Category* | Citation of document, with indication. where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|-----------------------|
| Χ | WO 02/097584 A (HYPERSPACE COMMUNICATIONS | 1-16 |
| Υ | INC [US]) 5 December 2002 (2002-12-05) paragraphs [0019] - [0022], [0030] - [0033] | 20 |
| A | WO 01/77888 A2 (KONINKL PHILIPS ELECTRONICS NV [NL]) 18 October 2001 (2001-10-18) the whole document | 1-16 |
| A | WO 2004/100500 A2 (THOMSON LICENSING SA [FR]; GRIMES KEVIN LLOYD [US]; BURNETT ANGELA REN) 18 November 2004 (2004-11-18) | 1-16 |
| Υ | the whole document | 21 |
| А | US 2003/174243 A1 (ARBEITER JAMES HENRY [US] ET AL) 18 September 2003 (2003-09-18) the whole document | 1-16 |
| | -/ | |

| Further documents are listed in the continuation of Box C. | See patent family annex. |
|---|---|
| * Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier document but published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" document referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed | *T* later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention *X* document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone *Y* document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art. *&* document member of the same patent family |
| Date of the actual completion of the international search | Date of mailing of the international search report |
| 1 February 2007 | 09/02/2007 |
| Name and mailing address of the ISA/ European Patent Office, P.B. 5818 Patentlaan 2 Nt 2280 HV Pijswijk Tet. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016 | Authorized officer Bertrand, Frédéric |

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INTE IATIONAL SEARCH REPORT

rnational application No
PCT/US2006/033965

| Category* | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
|-----------|--|--------------------------|
| A | US 2005/160468 A1 (RODRIGUEZ ARTURO A [US] ET AL) 21 July 2005 (2005-07-21) cited in the application the whole document | 1-16 |
| A | US 2004/133907 A1 (RODRIGUEZ ARTURO A [US] ET AL) 8 July 2004 (2004-07-08) cited in the application the whole document | 1-16 |
| X Y | US 6 259 733 B1 (KAYE JAMES E [US] ET AL) 10 July 2001 (2001-07-10) column 7, lines 54-66 | 17-19, 28-30 20,21 |
| X | WO 2004/091219 A (KONINKL PHILIPS ELECTRONICS NV [NL]; WOOD KARL J [GB]; OWLETT TIMOTHY) | 22,23 |
| A | 21 October 2004 (2004-10-21) page 4, line 6 the whole document | 24-27 |
| X | US 2003/219228 A1 (THIAGARAJAN BALAJI [US] ET AL) 27 November 2003 (2003-11-27) figure 5 | 22,23 |
| Α | US 2003/221194 A1 (THIAGARAJAN BALAJI [US] ET AL) 27 November 2003 (2003-11-27) the whole document | 22-32 |
| A | US 5 721 829 A (DUNN MATTHEW W [US] ET AL) 24 February 1998 (1998-02-24) the whole document | 22-27 |
| X | EP 1 069 801 A1 (IBM [US]) 17 January 2001 (2001-01-17) the whole document | 33-44 |
| A | US 2003/074214 A1 (KELLIHER TIMOTHY L [US]) 17 April 2003 (2003-04-17) the whole document | 33-44 |
| | | |
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International application No. PCT/US2006/033965

INTERNATIONAL SEARCH REPORT

| Box I | Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet) |
|---------|---|
| This Ir | nternational Search Report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons: |
| 1. | Claims Nos.: because they relate to subject matter not required to be searched by this Authority, namely: |
| 2. | Claims Nos.: because they relate to parts of the International Application that do not comply with the prescribed requirements to such an extent that no meaningful International Search can be carried out, specifically: |
| 3. | Claims Nos.: because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a). |
| Вох | III Observations where unity of invention is lacking (Continuation of item 3 of first sheet) |
| This I | nternational Searching Authority found multiple inventions in this international application, as follows: |
| | see additional sheet |
| 1. [| As all required additional search fees were timely paid by the applicant, this International Search Report covers all searchable claims. |
| 2. | As all searchable claims could be searched without effort justifying an additional fee, this Authority did not invite payment of any additional fee. |
| 3. [| As only some of the required additional search fees were timely paid by the applicant, this international Search Report covers only those claims for which fees were paid, specifically claims Nos.: |
| 4. [| No required additional search fees were timely paid by the applicant. Consequently, this International Search Report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.: |
| Rem | The additional search fees were accompanied by the applicant's protest. No protest accompanied the payment of additional search fees. |

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-16

optimizing bandiwdth utilization to a television subscriber premises, depending on the subscriber terminal capabilities, especially the display

2. claims: 17-32

optimizing bandwidth utilization to a television subscriber premises, depending on the program content type or theme (e.g. sports, cartoon)

3. claims: 33-44

optimizing bandwidth utilization to a television subscriber premises, by selecting and assessing the different communication paths available

INTE IATIONAL SEARCH REPORT

Information on patent family members

ernational application No
PCT/US2006/033965

| Patent document cited in search report | | Publication date | | Patent family member(s) | Publication date | |
|---|------------|---------------------|----------------------------|--|---------------------|--|
| WO 02097584 | 02097584 A | | NONE | - | | |
| WO 0177888 | A2 | 18-10-2001 | AT JP US | 338307 2003533712 2001039572 | T | 15-09-2006 11-11-2003 08-11-2001 |
| WO 2004100500 | A2 | 18-11-2004 | BR CN EP JP KR | PI0410034 1784859 1620975 2006525771 20060038924 | A A2 T | 25-04-2006 07-06-2006 01-02-2006 09-11-2006 04-05-2006 |
| US 2003174243 | A1 | 18-09-2003 | NON | | | |
| US 2005160468 | A1 | 21-07-2005 | CA WO | 2554208 2005071658 | | 04-08-2005 04-08-2005 |
| US 2004133907 | A1 | 08-07-2004 | US US | 6986156 2005071882 | | 10-01-2006 31-03-2005 |
| US 6259733 | B1 | 10-07-2001 | US | 2001014121 | A1 | 16-08-2001 |
| WO 2004091219 | Α | 21-10-2004 | NON | E | | |
| US 2003219228 | A1 | 27-11-2003 | NON | E | | |
| US 2003221194 | A1 | 27-11-2003 | NON | E | | ngan naka akai akai akai kai kai kai kai kai k |
| US 5721829 | A | 24-02-1998 | NON | | | |
| EP 1069801 | A1 | 17-01-2001 | DE DE US | 69920893 69920893 6765873 | T2 | 11-11-2004 09-03-2006 20-07-2004 |
| US 2003074214 | A1 | 17-04-2003 | US | 2003074480 | A1 | 17-04-2003 |

PATENT COOPERATION TH_ATY

From the INTERNATIONAL SEARCHING AUTHORITY To: WRITTEN OPINION OF THE see form PCT/ISA/220 INTERNATIONAL SEARCHING AUTHORITY (PCT Rule 43bis.1) Date of mailing (day/month/year) see form PCT/ISA/210 (second sheet) Applicant's or agent's file reference FOR FURTHER ACTION See paragraph 2 below see form PCT/ISA/220 Priority date (day/month/year) International filing date (day/month/year) International application No. 31.08.2006 07.09.2005 PCT/US2006/033965 International Patent Classification (IPC) or both national classification and IPC INV. H04N7/173 Applicant SCIENTIFIC-ATLANTA, INC. This opinion contains indications relating to the following items: 1. Box No. I Basis of the opinion ☐ Box No. II Priority Non-establishment of opinion with regard to novelty, inventive step and industrial applicability Box No. III Box No. IV Lack of unity of invention Reasoned statement under Rule 43bis.1(a)(i) with regard to novelty, inventive step or industrial Box No. V applicability; citations and explanations supporting such statement Certain documents cited ☐ Box No. VI Box No. VII Certain defects in the international application ☐ Box No. VIII Certain observations on the international application **FURTHER ACTION** 2. If a demand for international preliminary examination is made, this opinion will usually be considered to be a written opinion of the International Preliminary Examining Authority ("IPEA") except that this does not apply where the applicant chooses an Authority other than this one to be the IPEA and the chosen IPEA has notifed the International Bureau under Rule 66.1 bis(b) that written opinions of this International Searching Authority will not be so considered. If this opinion is, as provided above, considered to be a written opinion of the IPEA, the applicant is invited to submit to the IPEA a written reply together, where appropriate, with amendments, before the expiration of 3 months from the date of mailing of Form PCT/ISA/220 or before the expiration of 22 months from the priority date, whichever expires later. For further options, see Form PCT/ISA/220. 3. For further details, see notes to Form PCT/ISA/220. Authorized Officer Date of completion of Name and mailing address of the ISA: this opinion European Patent Office - Gitschiner Str. 103 see form Bertrand, Frédéric

PCT/ISA/210

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WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY

International application No. PCT/US2006/033965

| | Box N | o. I Basis of the opinion |
|----|---------|---|
| | | |
| 1. | With re | gard to the language, this opinion has been established on the basis of: |
| | ⊠ the | e international application in the language in which it was filed |
| | □ a pu | ranslation of the international application into _, which is the language of a translation furnished for the rposes of international search (Rules 12.3(a) and 23.1 (b)). |
| 2. | With re | egard to any nucleotide and/or amino acid sequence disclosed in the international application and sary to the claimed invention, this opinion has been established on the basis of: |
| | a. type | of material: |
| | | a sequence listing |
| | | table(s) related to the sequence listing |
| | b. forn | nat of material: |
| | | on paper |
| | | in electronic form |
| | c. time | e of filing/furnishing: |
| | | contained in the international application as filed. |
| | | filed together with the international application in electronic form. |
| | | furnished subsequently to this Authority for the purposes of search. |
| 3. | h c | a addition, in the case that more than one version or copy of a sequence listing and/or table relating thereto as been filed or furnished, the required statements that the information in the subsequent or additional opies is identical to that in the application as filed or does not go beyond the application as filed, as ppropriate, were furnished. |

4. Additional comments:

| | Box | No. IV | Lack of unity of inv | ention | | | | |
|----|-----|---------------------|--|---------------------|--------------------------|-------------------------------------|---|----|
| 1. | ⊠ | In resp applica | onse to the invitation (i ble time limit: | Form PO | CT/ISA/206 |) to pay add | ditional fees, the applicant has, within the | |
| | | \boxtimes | paid additional fees | | | | | |
| | | | paid additional fees u | nder pro | itest and, v | vhere applic | cable, the protest fee | |
| | | | paid additional fees u | nder pro | test but the | e applicable | e protest fee was not paid | |
| | | | not paid additional fee | es | | | | |
| 2. | | This Au | uthority found that the oblicant to pay additional | requiren I fees. | nent of unit | y of invention | ion is not complied with and chose not to invite | |
| 3. | Thi | s Authoi | rity considers that the r | equirem | ent of unit | y of invention | on in accordance with Rule 13.1, 13.2 and 13.3 | is |
| | П | complie | d with | | | | | |
| | | • | plied with for the follow | ána raa | eone. | | | |
| | M | | | ring rea | 30113. | | | |
| | | | eparate sheet | | | | C. W | |
| 4. | Co | nsequer | ntly, this report has bee | en estab | lished in re | espect of the | e following parts of the international application: | |
| | | all parts | i. | | | | | |
| | | the part | s relating to claims No | S. | | | | |
| | | | | | | | | |
| | Bo | x No. V Iustrial | Reasoned stateme applicability; citation | ent unde s and e | er Rule 43 xplanation | <i>bis</i> .1(a)(i) v ns support | with regard to novelty, inventive step or ting such statement | |
| 1. | Sta | atement | | | | | | |
| | No | velty (N |) | Yes: No: | Claims Claims | 1-44 | | |
| | lnv | rentive s | etep (IS) | Yes: No: | Claims Claims | 1-44 | | |
| | Inc | lustrial a | applicability (IA) | Yes: No: | Claims Claims | 1-44 | | |
| 2 | Cit | e annite | and evaluations | | | | | |

see separate sheet

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

PCT/US2006/033965

This Authority considers that there are 3 inventions covered by the claims indicated as follows:

- I: Claims 1 to 16 directed to optimizing bandwidth utilization to a television subscriber premises, depending on the subscriber terminal capabilities, especially the display
- II: Claims 17 to 32 directed to optimizing bandwidth utilization to a television subscriber premises, depending on the program content type or theme (e.g. sports, cartoon)
- III: Claims 33 to 44 directed to optimizing bandwidth utilization to a television subscriber premises, by selecting and assessing the different communication paths available

The reasons for which the inventions are not so linked as to form a single general inventive concept, as required by Rule 13.1 PCT, are as follows:

The prior art has been identified as general knowledge and discloses: general purpose of optimizing scare resources, in this case bandwidth.

Subject 1: It follows that the following technical feature of claims 1 to 16 make a contribution over the prior art and can be considered as a special technical feature within the meaning of Rule 13.2 PCT:

- ascertaining display attributes

The problem solved by this special technical feature can therefore be construed as: optimize bandwidth depending on terminal capabilities

Subject 2: It follows that the following technical feature of claims 17 to 32 make a contribution over the prior art and can be considered as a special technical feature within the meaning of Rule 13.2 PCT:

ascertaining content type

The problem solved by this special technical feature can therefore be construed as: optimize bandwidth depending on content

Subject 3: It follows that the following technical feature of claims 33 to 44 make a contribution over the prior art and can be considered as a special technical feature within the meaning of Bule 13.2 PCT:

- tracking bandwidth utilization on multiple links

International application No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

PCT/US2006/033965

The problem solved by this special technical feature can therefore be construed as: optimize bandwidth in a system with multiple links

Also, examining the possible correspondence by technical effect, one finds that

- Subject 1: the technical effect of the first invention is to adapt the bandwidth to the display type,
- Subject 2: that the technical effect of the second invention is to adapt the bandwidth to the content type
- **Subject 3**: and that the technical effect of the third invention is to find the most appropriate path for transport

This appears to show lack of corresponding technical effect as well. Consequently, neither the objective problem underlying the subjects of the claimed inventions, nor their solutions defined by the special technical features allow for a relationship to be established between the said inventions, which involves a single general inventive concept.

In conclusion, the groups of claims are not linked by common or corresponding special technical features and define **3 different inventions** not linked by a single general inventive concept.

The application, hence does not meet the requirements of unity of invention as defined in Rules 13.1 and 13.2 PCT.

PCT/US2006/033965

Re Item V

Reasoned statement with regard to novelty, inventive step or industrial applicability; citations and explanations supporting such statement

A. WRITTEN OPINION FOR THE FIRST INVENTION CLAIMS 1-16

A.2. Dependent claims 2 to 16 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty and/or inventive step, see document D1 and the corresponding passages cited in the search report.

B. WRITTEN OPINION FOR THE SECOND INVENTION CLAIMS 17-32

Reference is made to the following document:

- D1: WO 02/097584 A (HYPERSPACE COMMUNICATIONS INC [US]) (2002-12-05)
- D3: WO 2004/100500 A2 (THOMSON LICENSING SA [FR]; GRIMES KEVIN LLOYD [US]; BURNETT ANGELA REN) 18 November 2004 (2004-11-18)
- D7: US 6,259,733 B1 (2001-07-10)
- D8: WO 2004/091219 A (2004-10-21)

International application No.

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

PCT/US2006/033965

----- [lack of novelty] -----

B.1.1. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of **claim 17** is not new in the sense of Article 33(2) PCT.

The document D7 discloses: adapting bandwidth (variable bit rate encoding and statistical multiplexing, abstract) based upon content type (depending on source parameters like spatial activity, abstract). A football match program would for instance naturally have more spatial activity than weather report program, which can be traced either automatically or manually. The scope of claim 17 is broad enough to embrace the disclosure of D7 and is therefore not new.

- B.1.2. The same applies to the subject matter of claim 28.
- B.1.3. The present application does not meet the criteria of Article 33(1) PCT, because the subject-matter of **claim 22** is not new in the sense of Article 33(2) PCT.

The document D8 discloses a method for optimizing data rates, which, when a signal, being recorded and watched, is stopped being watched (in the case of D8 because of signal corruption), completes the recording by non real time download (replacement portions via second communication channel, abstract; non real time, page 4 line 6). The scope of claim 22 is broad enough to embrace the disclosure of D8 and is therefore not new.

- ----- [dependent claims, negative assessment] ------
- B.2.1. Dependent claims 18 to 19 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of novelty, because they are also disclosed in D7 (see passages cited in the search report).
- B.2.2. The subject matter of **claim 20** is a mere juxtaposition of claim 17 an claim 1, without a surprising effect, and is therefore not inventive (see disclosure of D1 and D7).
- B.2.3. The same applies to the subject matter of claim 21 with juxtaposition of D7 and D3.
- B.2.4. Dependent claims 29 to 32 do not contain any features which, in combination with the features of any claim to which they refer, meet the requirements of the PCT in respect of

WRITTEN OPINION OF THE INTERNATIONAL SEARCHING AUTHORITY (SEPARATE SHEET)

International application No.

PCT/US2006/033965

novelty and/or inventive step, see document D8 and the corresponding passages cited in the search report.

F.Bertrand